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* * * * * Welcome to STN International * * * * *

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NEWS	2	"Ask CAS" for self-help around the clock
NEWS	3 May 12	EXTEND option available in structure searching
NEWS	4 May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS	5 May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in CAlus
NEWS	6 May 27	CAlus super roles and document types searchable in REGISTRY
NEWS	7 Jun 28	Additional enzyme-catalyzed reactions added to CASREACT
NEWS	8 Jun 28	ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)
NEWS	9 Jul 12	BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
NEWS	10 Jul 30	BEILSTEIN on STN workshop to be held August 24 in conjunction with the 228th ACS National Meeting
NEWS	11 AUG 02	IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
NEWS	12 AUG 02	CAlus and CA patent records enhanced with European and Japan Patent Office Classifications
NEWS	13 AUG 02	STN User Update to be held August 22 in conjunction with the 228th ACS National Meeting
NEWS	14 AUG 02	The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS	15 AUG 04	Pricing for the Save Answers for SciFinder Wizard within STN Express with Discover! will change September 1, 2004
NEWS	16 AUG 27	BIOCOMMERCE: Changes and enhancements to content coverage
NEWS	17 AUG 27	BIOTECHABS/BIOTECHDS: Two new display fields added for legal status data from INPADOC
NEWS	18 SEP 01	INPADOC: New family current-awareness alert (SDI) available
NEWS	19 SEP 01	New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
NEWS	20 SEP 01	New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS EXPRESS	JULY 30	CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 12:26:18 ON 08 SEP 2004

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 12:26:29 ON 08 SEP 2004

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STRUCTURE FILE UPDATES: 7 SEP 2004 HIGHEST RN 741217-26-5

DICTIONARY FILE UPDATES: 7 SEP 2004 HIGHEST RN 741217-26-5

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

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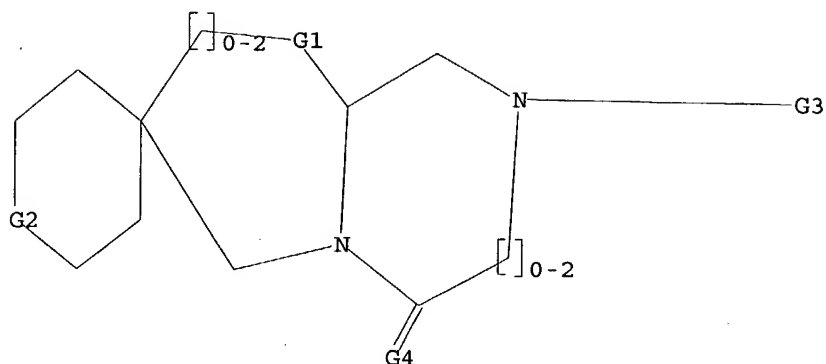
Uploading c:\program files\stnexp\queries\10026606.26

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

G1 O,S,N,SO₂,NH

G2 N,CH

G3 H,H_y

G4 O,S

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full

FULL SEARCH INITIATED 12:26:54 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 230015 TO ITERATE

100.0% PROCESSED 230015 ITERATIONS

15 ANSWERS

SEARCH TIME: 00.00.10

L2 15 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

155.42

155.63

FILE 'CAPLUS' ENTERED AT 12:27:08 ON 08 SEP 2004

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FILE COVERS 1907 - 8 Sep 2004 VOL 141 ISS 11

FILE LAST UPDATED: 7 Sep 2004 (20040907/ED)

This file contains CAS Registry Numbers for easy and accurate

substance identification.

=> s 12

L3 2 L2

=> d l3 fbib hitstr abs total

L3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2002:521746 CAPLUS
 DN 137:93770
 TI Preparation of tricyclic spiro compounds and cholesterol biosynthesis inhibitors containing them as the active ingredient
 IN Nishida, Hidemitsu; Mukaihira, Takafumi
 PA Mochida Pharmaceutical Co., Ltd., Japan
 SO PCT Int. Appl., 311 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002053568	A1	20020711	WO 2001-JP11656	20011228
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1346994	A1	20030924	JP 2000-399998	A 20001228
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			EP 2001-272922	20011228
			JP 2000-399998	A 20001228
			WO 2001-JP11656	W 20011228
US 2004063716	A1	20040401	US 2003-451728	20030625
			JP 2000-399998	A 20001228
			WO 2001-JP11656	W 20011228

PATENT FAMILY INFORMATION:

FAN 2001:31501

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001002397	A1	20010111	WO 2000-JP4374	20000630
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
			JP 1999-222883	A 19990630
EP 1191028	A1	20020327	EP 2000-940912	20000630
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BR 2000012093	A	20020716	JP 1999-222883	A	19990630
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			JP 1999-222883	A	19990630
NZ 516363	A	20040528	NZ 2000-516363		20000630
			JP 1999-222883	A	19990630
			WO 2000-JP4374	W	20000630
AU 774397	B2	20040624	AU 2000-55720		20000630
			JP 1999-222883	A	19990630
			WO 2000-JP4374	W	20000630
ZA 2001010558	A	20020912	ZA 2001-10558		20011221
			JP 1999-222883	A	19990630
US 2003045520	A1	20030306	US 2001-26606		20011227
			JP 1999-222883	A	19990630
			WO 2000-JP4374	A2	20000630
			JP 2000-399998	A	20001228
NO 2001006402	A	20020227	NO 2001-6402		20011228
			JP 1999-222883	A	19990630
			WO 2000-JP4374	W	20000630

OS MARPAT 137:93770

IT 318988-56-6P 318988-57-7P 441790-53-0P

441790-54-1P 441790-61-0P 441790-63-2P

441790-67-6P 441790-69-8P 441790-77-8P

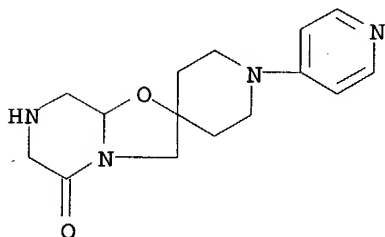
441790-78-9P 441790-79-0P 441790-83-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of tricyclic spiro compds. as oxidosqualene cyclase inhibitors and cholesterol biosynthesis inhibitors for preventives and therapeutic agents)

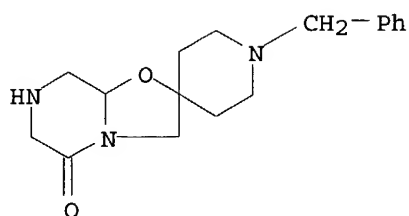
RN 318988-56-6 CAPLUS

CN Spiro[5H-oxazolo[3,2-a]pyrazine-2(3H),4'-piperidin]-5-one, tetrahydro-1'-(4-pyridinyl)- (9CI) (CA INDEX NAME)



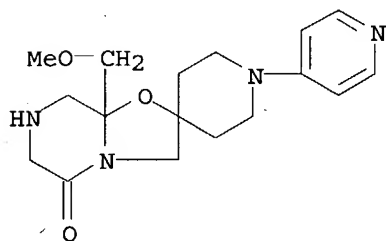
RN 318988-57-7 CAPLUS

CN Spiro[5H-oxazolo[3,2-a]pyrazine-2(3H),4'-piperidin]-5-one, tetrahydro-1'-(phenylmethyl)- (9CI) (CA INDEX NAME)



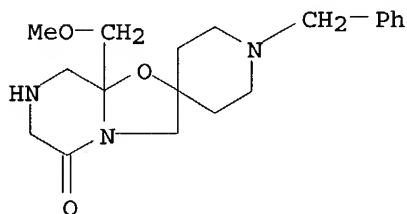
RN 441790-53-0 CAPLUS

CN Spiro[5H-oxazolo[3,2-a]pyrazine-2(3H),4'-piperidin]-5-one,
tetrahydro-8a-(methoxymethyl)-1'-(4-pyridinyl)- (9CI) (CA INDEX NAME)



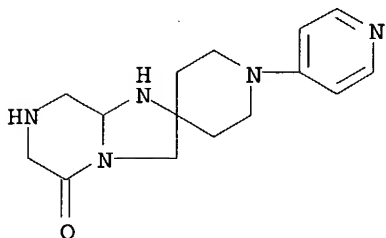
RN 441790-54-1 CAPLUS

CN Spiro[5H-oxazolo[3,2-a]pyrazine-2(3H),4'-piperidin]-5-one,
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RN 441790-61-0 CAPLUS

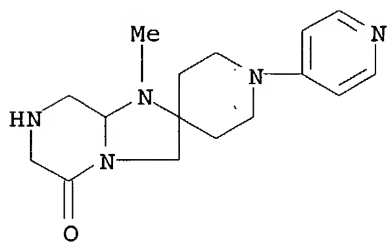
CN Spiro[imidazo[1,2-a]pyrazine-2(3H),4'-piperidin]-5(1H)-one,
tetrahydro-1'-(4-pyridinyl)- (9CI) (CA INDEX NAME)



RN 441790-63-2 CAPLUS

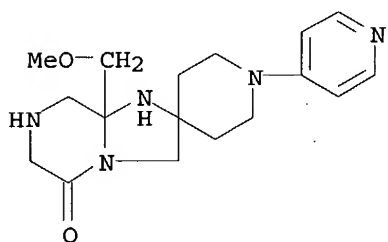
CN Spiro[imidazo[1,2-a]pyrazine-2(3H),4'-piperidin]-5(1H)-one,

tetrahydro-1-methyl-1'-(4-pyridinyl)- (9CI) (CA INDEX NAME)



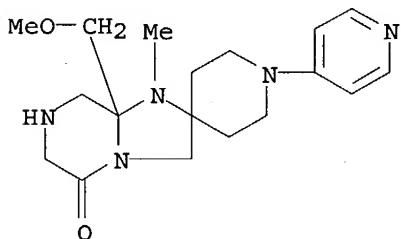
RN 441790-67-6 CAPLUS

CN Spiro[imidazo[1,2-a]pyrazine-2(3H),4'-piperidin]-5(1H)-one,
tetrahydro-8a-(methoxymethyl)-1'-(4-pyridinyl)- (9CI) (CA INDEX NAME)



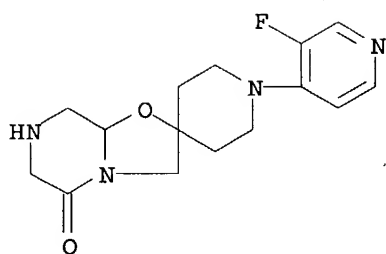
RN 441790-69-8 CAPLUS

CN Spiro[imidazo[1,2-a]pyrazine-2(3H),4'-piperidin]-5(1H)-one,
tetrahydro-8a-(methoxymethyl)-1-methyl-1'-(4-pyridinyl)- (9CI) (CA INDEX NAME)



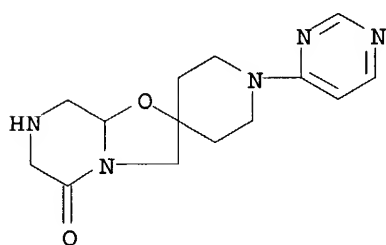
RN 441790-77-8 CAPLUS

CN Spiro[5H-oxazolo[3,2-a]pyrazine-2(3H),4'-piperidin]-5-one,
1'-(3-fluoro-4-pyridinyl)tetrahydro- (9CI) (CA INDEX NAME)



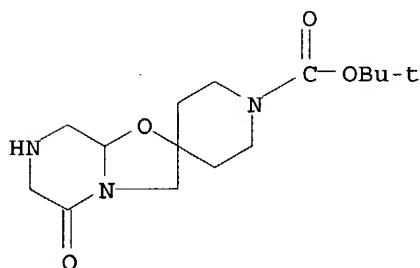
RN 441790-78-9 CAPLUS

CN Spiro[5H-oxazolo[3,2-a]pyrazine-2(3H),4'-piperidin]-5-one,
tetrahydro-1'-(4-pyrimidinyl)- (9CI) (CA INDEX NAME)



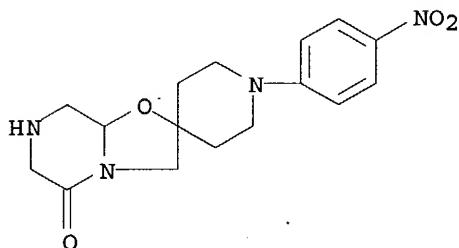
RN 441790-79-0 CAPLUS

CN Spiro[5H-oxazolo[3,2-a]pyrazine-2(3H),4'-piperidine]-1'-carboxylic acid,
tetrahydro-5-oxo-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

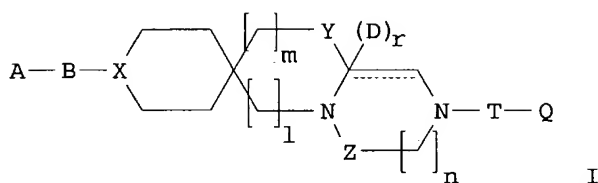


RN 441790-83-6 CAPLUS

CN Spiro[5H-oxazolo[3,2-a]pyrazine-2(3H),4'-piperidin]-5-one,
tetrahydro-1'-(4-nitrophenyl)- (9CI) (CA INDEX NAME)



GI



AB Disclosed are orally administrable cholesterol biosynthesis inhibitors and oxidosqualene cyclase inhibitors which contain as the active ingredients tricyclic spiro compds., i.e. 1,4-diaza-7-oxaspiro[bicyclo[4.3.0]nonane-8,4'-piperidine]-2-one and 1,4,7-triazaspiro[bicyclo[4.3.0]nonane-8,4'-piperidine]-2-one derivs. represented by the general formula (I) or salts thereof: [wherein A = H, (un)substituted 5- or 6-membered (un)saturated heterocyclic or carbocyclic group, (un)substituted NH₂ or imidoyl; B = a single bond, carbonyl, S(O)_x (x = 0,1,2), C1-2 alkylene; D = H, COR₅ (R₅ = H, substituent), (un)substituted C1-6 alkyl; X = N, CH optionally substituted by A'-B' group (A' and B' are selected from groups defined in A and B, resp.); Y = O, S(O)_y (y = 0,1,2), NH; Z = CH₂, CO, C(:S); T = SO₂, CO, S(O)_z (z = 0,1,2), a single bond, (un)substituted C1-2 alkylene; Q = (un)substituted hydrocarbon or heterocyclic group; m, n, p = 0,1, or 2, provided that m and p are not simultaneously 0; q = 0,1; each of 3 rings cong. X, Y, and Z is optionally substituted; the solid line accompanied by a dotted line represents a single bond or a double bond when q is 0]. These compds. inhibit oxidosqualene cyclase and in turn the conversion of 2,3-oxidosqualene into cholesterol and thereby exhibit potent serum cholesterol lowering effect and are useful for the prevention and/or treatment of cholesterol biosynthesis and oxidosqualene cyclase-related diseases such as hypercholesterolemia, hyperlipidemia, arteriosclerotic disease, myocardial infarction, angina pectoris, cerebral infarction, cerebral hemorrhage, aortic aneurysm, peripheral artery obstruction, nephrosclerosis, optic nerve atrophy, hydrocephalus, and fungal infection. Thus, Et₃N and 4-bromobenzenesulfonyl chloride were added to a soln. of 1,4-diaza-4-(benzyloxycarbonyl)-7-oxaspiro[bicyclo[4.3.0]nonane-8,4'-piperidine]-2-one in CH₂Cl₂ and stirred at room temperature for 10 min to give 1,4-diaza-4-(benzyloxycarbonyl)-1'-(4-bromobenzenesulfonyl)-7-oxaspiro[bicyclo[4.3.0]nonane-8,4'-piperidine]-2-one which was dissolved in MeCN, treated with trimethylsilyl iodide under ice-cooling, and stirred for 30 min under ice-cooling to give 1,4-diaza-1'-(4-bromobenzenesulfonyl)-7-oxaspiro[bicyclo[4.3.0]nonane-8,4'-piperidine]-2-one (II). II at 0.3 µg/mL in vitro inhibited the biosynthesis of cholesterol in mouse fibroblast L929 cells by 66%.

RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2001:31501 CAPLUS

DN 134:100887

TI Preparation of tricyclic compounds having spiro-piperidine as inhibitors of blood coagulation factor X (FXa) and anticoagulants

IN Nishida, Hidemitsu; Saitoh, Fumihiko; Harada, Kousuke; Shiromizu, Ikuya

PA Mochida Pharmaceutical Co., Ltd., Japan

SO PCT Int. Appl., 305 pp.

CODEN: PIXXD2

DT Patent
LA Japanese
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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			JP 2000-399998	A 20001228	
NO 2001006402	A	20020227	NO 2001-6402		20011228
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			WO 2000-JP4374	W 20000630	

PATENT FAMILY INFORMATION:

FAN 2002:521746

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002053568	A1	20020711	WO 2001-JP11656	20011228
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				JP 2000-399998	A 20001228
EP 1346994	A1	20030924	EP 2001-272922		20011228
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			JP 2000-399998	A	20001228
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US 2004063716	A1	20040401	US 2003-451728		20030625
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			WO 2001-JP11656	W	20011228

OS MARPAT 134:100887

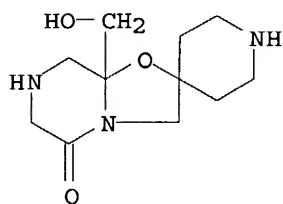
IT 318988-48-6P, 1,4-Diaza-6-(hydroxymethyl)-7-oxaspiro[bicyclo[4.3.0]nonane-8,4'-piperidine]-2-one 318988-49-7P
318988-56-6P 318988-57-7P 318988-58-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of tricyclic compds. having spiro-piperidine as inhibitors of blood coagulation factor X (FXa) and anticoagulants or as pharmacophores in mol. designing Fxa inhibitors)

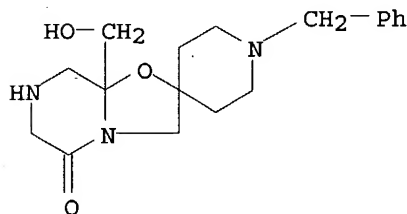
RN 318988-48-6 CAPLUS

CN Spiro[5H-oxazolo[3,2-a]pyrazine-2(3H),4'-piperidin]-5-one, tetrahydro-8a-(hydroxymethyl)- (9CI) (CA INDEX NAME)



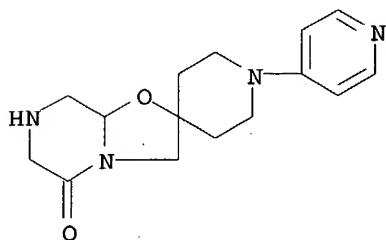
RN 318988-49-7 CAPLUS

CN Spiro[5H-oxazolo[3,2-a]pyrazine-2(3H),4'-piperidin]-5-one, tetrahydro-8a-(hydroxymethyl)-1'-(phenylmethyl)- (9CI) (CA INDEX NAME)

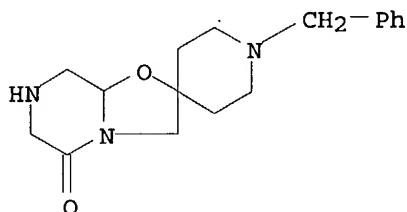


RN 318988-56-6 CAPLUS

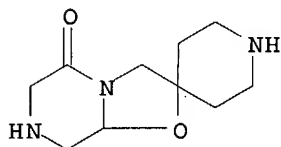
CN Spiro[5H-oxazolo[3,2-a]pyrazine-2(3H),4'-piperidin]-5-one, tetrahydro-1'-(4-pyridinyl)- (9CI) (CA INDEX NAME)



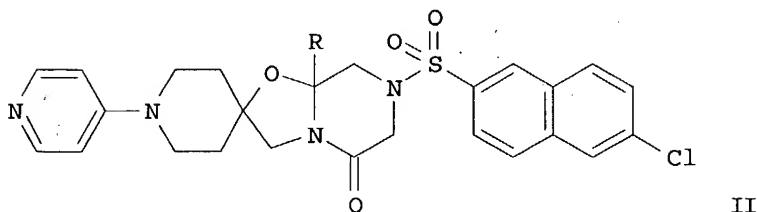
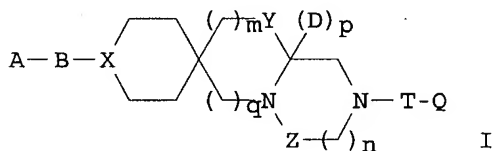
RN 318988-57-7 CAPLUS

CN Spiro[5H-oxazolo[3,2-a]pyrazine-2(3H),4'-piperidin]-5-one,
tetrahydro-1'-(phenylmethyl)- (9CI) (CA INDEX NAME)

RN 318988-58-8 CAPLUS

CN Spiro[5H-oxazolo[3,2-a]pyrazine-2(3H),4'-piperidin]-5-one, tetrahydro-
(9CI) (CA INDEX NAME)

GI



AB Aromatic compds. having cyclic amino which are represented by general formula (I) or salts thereof [wherein A = H, (un)substituted (un)saturated 5- to 6-membered cyclic hydrocarbonyl or heterocyclyl, (un)substituted NH₂, (un)substituted imidoyl; B = single bond, CO, SO, (un)substituted C1-2 alkylene; D = H, (un)substituted CHO, (un)substituted C1-6 alkyl; X = N, (un)substituted methine; Y = O, S(O)_y (wherein y = 0,1,2), (un)substituted NH; Z = CH₂, CO, C(S); T = S(O)_z (wherein z = 0,1,2), CO, (un)substituted C1-2 alkylene; Q = (un)substituted hydrocarbonyl or heterocyclyl; m, n, q = 0, 1,2; p = 0,1; the three rings containing X, Y, or Z is optionally

substituted; the bond represented by a dotted and solid line in the ring containing Z is a single bond or a double bond when p = 0] are prepared. These compds. are useful as drugs, in particular, activated blood coagulation factor X inhibitors for the prevention and treatment of diseases caused by thrombus or embolism, influenza virus infection, or periodontosis, exert a potent anticoagulation effect, and can be orally administered. A pharmacophore derived from the above compds. is also useful in mol. designing Fxa inhibitors. Thus, 4-(aminomethyl)-1-benzyl-4-hydroxypiperidine was cyclocondensed with Et 2-[N-(3-acetoxy-2-oxopropan-1-yl)-N-(6-chloronaphthalene-2-ylsulfonyl)amino]acetate under reflux in the presence of p-MeC₆H₄SO₃H.H₂O using a Dean-Stark trap to give 6-acetoxy-1,4-diaza-1'-benzyl-4-(6-chloronaphthalene-2-ylsulfonyl)-7-oxaspiro[bicyclo[4.3.0]nonan-8,4'-piperidine]-2-one which underwent saponification with a mixture of aqueous NaOH and MeOH, methylation by di-Me sulfate, and debenzoylation with 1-chloroethyl chloroformate to give 1,4-diaza-4-(6-chloronaphthalene-2-ylsulfonyl)-6-(methoxymethyl)-7-oxaspiro[bicyclo[4.3.0]nonan-8,4'-piperidine]-2-one hydrochloride. The latter compound was condensed with 4-chloropyridine hydrochloride in the presence of diisopropylethylamine in 2-ethoxyethanol under reflux for 2 h to give 1,4-diaza-4-(6-chloronaphthalene-2-ylsulfonyl)-6-(methoxymethyl)-7-oxo-1'-(4-pyridyl)-spiro[bicyclo[4.3.0]nonan-8,4'-piperidine]-2-one (II; R = CH₂OMe). II (R = CH₂OMe) and II (R = CO₂Et) showed IC₅₀ of 0.0032 and 0.0015 μ M, resp., against Fxa.

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> log y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	22.56	178.19
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.40	-1.40

STN INTERNATIONAL LOGOFF AT 12:27:28 ON 08 SEP 2004

Welcome to STN International! Enter x:x

LOGINID:sssptal61lsxp

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1	Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	"Ask CAS" for self-help around the clock
NEWS	3	May 12 EXTEND option available in structure searching
NEWS	4	May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS	5	May 27 New UPM (Update Code Maximum) field for more efficient patent SDIs in CAlplus
NEWS	6	May 27 CAlplus super roles and document types searchable in REGISTRY
NEWS	7	Jun 28 Additional enzyme-catalyzed reactions added to CASREACT
NEWS	8	Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)
NEWS	9	Jul 12 BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
NEWS	10	Jul 30 BEILSTEIN on STN workshop to be held August 24 in conjunction with the 228th ACS National Meeting
NEWS	11	AUG 02 IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
NEWS	12	AUG 02 CAlplus and CA patent records enhanced with European and Japan Patent Office Classifications
NEWS	13	AUG 02 STN User Update to be held August 22 in conjunction with the 228th ACS National Meeting
NEWS	14	AUG 02 The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS	15	AUG 04 Pricing for the Save Answers for SciFinder Wizard within STN Express with Discover! will change September 1, 2004
NEWS	16	AUG 27 BIOCOMMERCE: Changes and enhancements to content coverage
NEWS	17	AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal status data from INPADOC
NEWS	18	SEP 01 INPADOC: New family current-awareness alert (SDI) available
NEWS	19	SEP 01 New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
NEWS	20	SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS EXPRESS	JULY 30	CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS		STN Operating Hours Plus Help Desk Availability
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FILE 'HOME' ENTERED AT 12:29:02 ON 08 SEP 2004

=> ile reg

ILE IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system. For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 12:29:13 ON 08 SEP 2004

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STRUCTURE FILE UPDATES: 7 SEP 2004 HIGHEST RN 741217-26-5

DICTIONARY FILE UPDATES: 7 SEP 2004 HIGHEST RN 741217-26-5

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

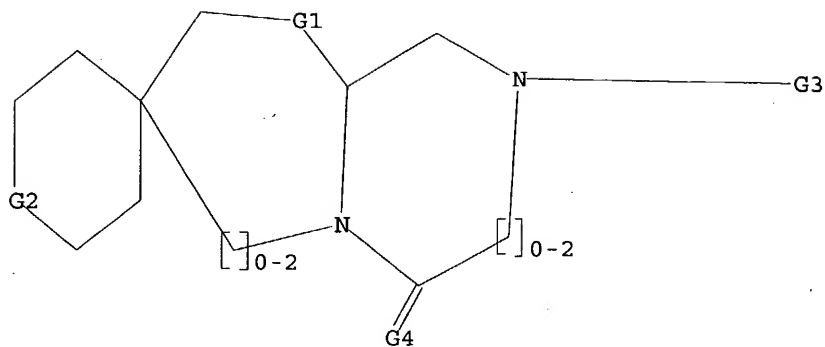
Uploading c:\program files\stnexp\queries\10026606.27

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 O,S,N,SO₂,NH

G2 N,CH

G3 H,Hy

G4 O,S

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full

FULL SEARCH INITIATED 12:29:55 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 15847 TO ITERATE

100.0% PROCESSED 15847 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L2 0 SEA SSS FUL L1

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

155.42

155.63

STN INTERNATIONAL LOGOFF AT 12:30:01 ON 08 SEP 2004

SP
9/18/04
1624

Welcome to STN International! Enter x:x

LOGINID:sssptal611sxp

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

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NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 09 CA/Capplus records now contain indexing from 1907 to the
present
NEWS 4 DEC 08 INPADOC: Legal Status data reloaded
NEWS 5 SEP 29 DISSABS now available on STN
NEWS 6 OCT 10 PCTFULL: Two new display fields added
NEWS 7 OCT 21 BIOSIS file reloaded and enhanced
NEWS 8 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced
NEWS 9 NOV 24 MSDS-CCOHS file reloaded
NEWS 10 DEC 08 CABA reloaded with left truncation
NEWS 11 DEC 08 IMS file names changed
NEWS 12 DEC 09 Experimental property data collected by CAS now available
in REGISTRY
NEWS 13 DEC 09 STN Entry Date available for display in REGISTRY and CA/Capplus
NEWS 14 DEC 17 DGENE: Two new display fields added
NEWS 15 DEC 18 BIOTECHNO no longer updated
NEWS 16 DEC 19 CROPU no longer updated; subscriber discount no longer
available
NEWS 17 DEC 22 Additional INPI reactions and pre-1907 documents added to CAS
databases
NEWS 18 DEC 22 IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
NEWS 19 DEC 22 ABI-INFORM now available on STN
NEWS 20 JAN 27 Source of Registration (SR) information in REGISTRY updated
and searchable
NEWS 21 JAN 27 A new search aid, the Company Name Thesaurus, available in
CA/Capplus
NEWS 22 FEB 05 German (DE) application and patent publication number format
changes
NEWS 23 MAR 03 MEDLINE and LMEDLINE reloaded
NEWS 24 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 25 MAR 03 FRANCEPAT now available on STN

NEWS EXPRESS MARCH 5 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 3 MARCH 2004
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FILE 'HOME' ENTERED AT 09:54:26 ON 13 MAR 2004

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 09:54:35 ON 13 MAR 2004

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STRUCTURE FILE UPDATES: 12 MAR 2004 HIGHEST RN 662722-88-5

DICTIONARY FILE UPDATES: 12 MAR 2004 HIGHEST RN 662722-88-5

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

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<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

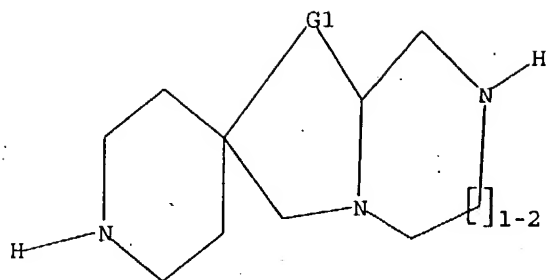
Uploading c:\program files\stnexp\queries\10026606.12

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

G1 O,S,SO₂,NH

G2 H,O,S

Structure attributes must be viewed using STN Express query preparation.

=> s ll sss full

FULL SEARCH INITIATED 09:54:59 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1402 TO ITERATE

100.0% PROCESSED 1402 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00.01

L2 2 SEA SSS FUL L1

=> file marpat

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

155.42

155.63

FILE 'MARPAT' ENTERED AT 09:55:06 ON 13 MAR 2004

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FILE CONTENT: 1988-PRESENT (VOL 140 ISS 10) (20040307/ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6683216 27 JAN 2004

DE 10317487 12 FEB 2004

EP 1388563 11 FEB 2004

JP 2004047131 12 FEB 2004

WO 2004011964 05 FEB 2004

Structure search limits have been raised. See HELP SLIMIT for the new,
higher limits.

=> s ll sss full

FULL SEARCH INITIATED 09:55:13 FILE 'MARPAT'

FULL SCREEN SEARCH COMPLETED - 188320 TO ITERATE